

1 36255/JWE/B642

CONTROL PLATFORM FOR MULTIPLE SIGNAL ROUTING
AND INTERFACING IN AN AUDIO/VISUAL ENVIRONMENT

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ABSTRACT OF THE DISCLOSURE

An intelligent control platform for routing, switching and mixing audio/visual signals includes a program signal crosspoint matrix which is programmably and adaptively configurable to select between appropriate program sources and program destinations when the system is in a particular one of a number of operational modes. Operational modes supported by the system include digitize mode, layback mode, edit and dub modes. The crosspoint matrix defines default signal paths between sources and destinations for each of the operational modes and precludes selection of any inappropriate signal path that would result in feedback loops, inappropriate signal levels or misdirected signals.

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